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NEW TECHNOLOGIES TO INNOVATE

No. BBMP /PMC/Y-P/PKG-3/2022-23 Date: 15/03/2023

To,
The Executive Engineer,
Yelahanka Projects Divison,
Bangalore 560092.

AEE - Navaneeth

Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

SUB: PMC CERTIFICATE

Dear Sir,

This is to certify that all the items of Works have been carried our satisfactorily as per specifications and the details below.

Name of Work :- "PACKAGE No-03 Providing grill fencing and other developmental works at Sardara vallabai patel park, Sangolli rayanna park, Ambedkar park and Providing Gym & Children Play Equipments to Various Parks in Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants".

Job code: 003-23-000003

Work Order No: **EE(Project)/YNK Zone/WO/19/2022-23 date : 02-09-2022**

Bill Number: Third and Final Bill.

Name of contractor: Sri K Gopi Reddy.

Value of Work:

BR No.

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NEWZEN CONSULTANT BANGALORE, #304, First floor, 6th Cross,Gidadakonenahalli, Viswaneedam Post,
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Sl No	Description of Work	Unit	BOQ Quantity	Up to date
1	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge. (V-II, P.No.163, I.No.19.3 of PW, P&IWTD SR 2021-22)	Cum	77.60	72.80
2	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge. In cement mortar (V-II, P.No.163, I.No.19.7.1 of PW, P&IWTD SR 2021-22)	Cum	19.96	0.00
3	Dismantling dressed stone work ashlar face stone work, marble work or precast concrete work manually/ by mechanical means including stacking of serviceable and disposal of unserviceable material to the appropriate disposal area as per direction of Engineer-in-charge. (V-II, P.No.164, I.No.19.10.1 of	Cum	134.40	127.80
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of	Cum	1412.13	1148.62
5	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry works in head walls and parapets Clause 1101.6 1200mm dia (V	Mtr	30.00	30.00
6	Providing and Filling in foundation with granite / trap broken metal 100mm and down size with approved M-Sand including hand packing, ramming, watering including cost of all materials and labour with all lead and lift complete as per specifications. (V-5, P.No-64, I No.9.A130A of PWD SR 2021-22)	Cum	23.88	23.88
7	Granular Aggregates, 53mm downsize (V-1, P.No- A 38, I No-8 of PWD SR 2021-22)	Cum	47.76	23.88
8	Granular Aggregates, 40mm downsize (V-1, P.No- A 38, I No-7 of PWD SR 2021-22)	Cum	23.88	23.88
9	Granular Aggregates, 20mm downsize (V-1, P.No- A 38, I No-4 of PWD SR 2021-22)	Cum	23.88	23.88
10	Sand - M-Sand –Fine (V-1, P.No- A 41, I No-71 of PWD SR 2021-22)	Cum	15.92	15.92
11	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all	Cum	1648.98	1057.10

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12	Stones Providing Size Stone masonry (Available Stones) with hard stone in Foundation & Plinth with Cement Mortar 1:6 (1 Cement : 6 Coarse Sand) (Arrived Rate) Qty Upto 125%	Cum	103.00	84.00
0	Qty above 125%	0	0.00	18.89
13	Providing Coursed rubble masonry (second sort) with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.3, P.No-9 of PWD SR 2021-22) Qty Upto 125%	Cum	606.00	440.00
0	Qty above 125%	0	0.00	165.46
14	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand) (V-II, No-5.2, P.No-9 of PWD SR 2021-22) Qty Upto 125%	Cum	315.50	303.18
15	Providing ruled pointing to cursed stone masonry with lime mortar 1:3, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost all materials, labour, usage charges of machinery, curing complete as pre specification (V-II, P.No-190, I No-21.10 of PWD SR 2021-22) Qty Upto 125%	Sqm	1402.20	1123.49
16	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine	Cum	164.97	179.82
17	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub base / base course on well	Cum	100.80	0.00
18	Sand – River sand (V-1, P.No- A 40, I No-73 of PWD SR 2021-22)	Cum	105.00	175.03
19	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine	Cum	1.62	0.00
20	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine	Cum	84.00	82.62

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21	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.(V-III, P.No.99, I.No.13.1 of PW, P&IWTD SR 2021-22) Issuse Rate dated :07/04/2022	Tonne	0.83	2.01
22	Fabricating, providing and erecting in position of MS Hot Dip Galvanised Sq. Hallow Poles of 132 X 132 Heavy gauge of length 3000mm with MS. Hot dip Galvanised grill work as per approved design and drawing of chief architect. Using 12 X 75mm galvanised flat for alround frame and 20 X 20mm	Sqm	3000.00	2629.13
0	Qty above 125%	0	0.00	363.19
23	Fabricating, providing and erecting in position Hot dip galvanised Gate. Using 72 X 72 X 4.8mm Sq. GI Pipe Frame with Top pipe bending in heavy duty hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised sq. rod for verticals at 150mm c/c as shown	Sqm	181.20	175.21
24	Removing and Resetting of Kerb Stones	Rmtr	1084.20	740.00
25	Removing & Resetting of Cobble Stones	Sqm	1592.00	830.00
26	Providing and fixing pre cast solid cement concrete kerb stones made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of	Nos	16041.00	6420.56
27	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces (P.No.56, I.No.8.10 of PW, P&IWTD SR 2021-22)	Sqm	2440.55	1242.71
28	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 281 kg per m2 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons	Sqm	4597.95	2915.61
29	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of	Sqm	976.50	491.78
30	Executive Bench- Made out of Sadarahalli grey stone with hand supports with 3 line finishing with arch design with 100mm slabs. Height 90x Length 1500 width 45 cms (Data approved rate)	Nos	105.00	70.00
31	Basket ball poles with board inclusive of all taxes and transportation charges as per the direction of Engineer in Charge (Data approved rate)	Each	2.00	2.00

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32	Supply and Fixing of Arm and Pedal Bike: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the	Each	3.00	3.00
33	Supply and Fixing of Bicycle: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the	Each	3.00	3.00
34	Supply and Fixing of Big Shoulder Wheel: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the	Each	2.00	2.00
35	Supply and Fixing of Elliptical Cross Trainer: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates	Each	3.00	3.00
36	Supply and Fixing of Leg Stretch: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the	Each	3.00	3.00
37	Supply and Fixing of Pull Down Challenger: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates	Each	3.00	3.00
38	Supply and Fixing of Seated Chest Press: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the	Each	3.00	3.00
39	Supply and Fixing of Rider: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the supplier	Each	2.00	2.00
40	Supply and Fixing of Self Weighted Rower: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates	Each	2.00	2.00

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41	Supply and Fixing of Tai Chi Spinners: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the	Each	2.00	2.00
42	Supply and Fixing of Sit Up Station: All products must tested and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of the	Each	2.00	2.00
43	Supply and Fixing of Squat Pushing: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of the	Each	2.00	2.00
44	Supply and Fixing of Double Health Walker: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates	Each	3.00	3.00
45	Supply and Fixing of Mini Ski: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark-EN 16630 certificates must be in the name of the	Each	3.00	3.00
46	Supply and Fixing of Waist Twister: All products must test and certified to meet EN16630 safety standards with GS test mark. The EN16630 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The GS mark EN 16630 certificates must be in the name of the	Each	3.00	3.00
47	Supply and Fixing of Maxima N Swing: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has	Each	2.00	2.00
48	Supply and Fixing of Fiero A Swing: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has	Each	2.00	2.00
49	Supply and Fixing of 4 Seater See Saw: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has	Each	2.00	2.00

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50	Supply and Fixing of 2 Seater See Saw: All products must be tested and certified to meet EN 1176 safety standards. The EN 1176 certificates must be issued by a reputed notified International Certifying Body such as IPEMA, TUV, CPSC, or SGS only. The EN 1176 certificates must be in the name of a supplier who has	Each	2.00	2.00
51	Supply and fixing of children Multi Play Equipment SCARBROUGH (KPS-1434-E-PVC) with curved slide and number panel. The equipment comprises of 2 numbers of Upright structural posts of height 2.4 m, 2 numbers of Upright structural posts of height 2.7 m, 2 numbers of Upright structural posts of height 3.3 m	Each	2.00	2.00
52	Supply and fixing of children Multi Play Equipment BRIGHTON (KPS-1427-PVC) with curved slide, tunnel and side panels. The equipment comprises of 2 numbers of Upright structural posts of height 2.2 m, 4 numbers of Upright structural posts of height 2.4 m, 4 numbers of Upright structural posts of height 2.7 m, 4	Each	1.00	0.00
53	Providing and fixing of Black Granite Slab board of size 1350 x600x30mm fixed in granite poles of size 150 * 150 * 3000mm. The poles shall be embedded in the ground for a depth of 500mm with 1:1.5:3 ratio cement concrete. The board shall be fixed as per the drawing and at the place indicated by the Engineer in charge of	Each	10.00	20.00
54	Supply and fixing of Retro Reflective Single Arrow Road Name Signboard of size 1600mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material	Each	10.00	0.00
55	Supply and fixing of Retro Reflective Double Arrow road name sign board of size 2000mm x 900mm made out of retro reflective sheeting conforming to Type XI standards of ASTM D 4956 - 09 & as per IRC 67-2012 for full back ground of blue colour & white letters and fixed over 4 mm thick Aluminium Composite Material	Each	6.00	0.00
56	SS Dustbin with MS pole 3ft	Each	5.00	0.00
57	Twin Dustbin with MS pole 3ft	Each	7.00	0.00
58	Fibre Dustbin modern type, Monkey Dustbin 3.75 ft	Each	8.00	0.00
59	Fibre Dustbin modern type, Penguin Dustbin 3 ft	Each	5.00	0.00
60	Fibre Dustbin modern type, Hippo Dustbin 3.75 ft	Each	5.00	0.00
61	Fibre Dustbin modern type, Rabit Dustbin 3.75 ft	Each	4.00	0.00
62	Loading and Unloading of Stone Boulder/Stone aggregates/ Sand/Kankar/Moorum. (Tipper 5.5 m3) (V-III Page No.3, Item No.1.1 A of PWD SR 2021-22) Qty upto 125%	Cum	2104.00	2103.72

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63	Cost of Haulage Excluding Loading and Unloading Taking output 10 t load and lead 10 km = 100 t.km (V-III Page No.3, Item No.1.4 A of PWD SR 2021-22) Lead 8 Km	Cum	2104.44	2103.72
	Extra Item			
EI 01	Providing and Fixing pre cast covering Slab 230mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete as per Engineer incharge	Sqm	14.40	14.40
EI 02	Providing and Fixing pre cast covering Slab 100mm thick made out of CC , Jelly 20mm Down Size with steel reinforcement including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete as per Engineer incharge	Sqm	104.00	0.00
EI 03	Providing and laying of ITF Certified 5 layers of Acrylic synthetic standard system including primer, resurfacer and approved colour and line marking as per international standard including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc. complete as	Sqm	413.10	413.10

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